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In the middle of the enormous sea wall, of primitive structure, with the surf washing against the wall below it and protected from the winds of the north by the wall itself, in constant sunshine, provision is made for 200 or 300 Genoese children of the more unfortunate classes. They arrive in the morning, get their midday meal and morning luncheon, and are sent to their homes in the evening. Play is supervised by special teachers, bathing facilities arranged for; the children take singing lessons and a healthier, happier looking lot of children one could scarcely find.

When we visited them in February they sang the Italian national anthem and "The Star Spangled Banner" with vigor and enthusiasm. There are also children's hospitals in the mountains. In Rome the *Giornale d'Italia* raised money by popular subscription and built a beautiful hospital on one of the hills for children with bone tuberculosis.

The American Red Cross had the privilege of giving \$25,000 to this hospital. These are just a few conspicuous instances of what the Italians have already done for the study and cure of tuberculosis.

But Italy's great spirit for progression was arrested with the declaration of war, which compelled the mobilization of all her resources for the one big task in hand. It naturally followed that the civilian population had to wait until the military needs were cared for.

Then, as in France, this emergency was created. Conditions were growing harder to grapple with each day. When Italy saw the help we were extending to France she invited the United States to come to her shores with such assistance as we could offer.

#### CIVIL SERVICE EXAMINATIONS

THE United States Civil Service Commission announces open competitive examinations as follows:

List No. 1. Examinations of the nonassembled type; that is, those in which competitors are not assembled for scholastic tests, but are rated upon the subjects of education, training and experience, and corroborative evidence. Applications for these examinations are received at any time: Inspector of mechanical or electrical equipment, inspector of structural steel, supervising or traveling accountant, construction cost accounting supervisor, automotive engineer, automotive designer, automotive draftsman, automotive tracer, me-

chanical draftsman, War Department; special field agent in entomology, Department of Agriculture; tabulating mechanician, Census Bureau; elevator conductor, departmental service.

List No. 2. Examinations of the nonassembled type, for which applications must be filed by the dates specified: Horticulturist, Department of Agriculture, September 17; architectural designer, architectural draftsman, Panama Canal Service, September 17; photographer, War Department, September 24; mechanical draftsman, Patent Office, September 24; assistant in dairy cattle breeding, assistant in fish investigations, assistant superintendent of seed warehouse, Department of Agriculture, September 24; sugar chemist and technologist, Bureau of Standards, September 24; assistant clinical psychiatrist and psychotherapist, St. Elizabeths Hospital, September 24; chemical laboratorian, chemist's aid, various branches, September 24.

List No. 3. Examinations in which competitors will be assembled for scholastic tests: Laboratory aid in agricultural technology, Department of Agriculture, October 2; business principal, Indian Service, October 2-3; inspector of safety appliances, inspector of hours of service, Interstate Commerce Commission, October 2-3.

Full information and application blanks may be obtained by addressing the United States Civil Service commission at Washington, D. C., or the civil-service district secretary at Boston, New York, Philadelphia, Atlanta, Cincinnati, Chicago, St. Paul, St. Louis, New Orleans, Seattle, or San Francisco.

#### SCIENTIFIC NOTES AND NEWS

MAJOR GENERAL WILLIAM C. GORGAS, Surgeon-General, U. S. A., accompanied Secretary Baker on his recent visit to France.

COLONEL JOHN M. T. FINNEY, Baltimore, who returned to this country early in August on a special mission, has again sailed for France to assume his duties as chief consultant surgeon of the American Expeditionary Forces.

DR. H. S. WASHINGTON, of the Geophysical Laboratory of the Carnegie Institution, has been appointed chemical associate to the scientific attachés at the American embassies in Paris and Rome.

PROFESSOR GRAHAM LUSK, of Cornell Medical College, and one of the representatives at the recent meetings of the "Interallied Scientific Food Commission" abroad, will give at the New York Academy of Medicine on Thursday evening, October 3, at nine o'clock, the Wesley M. Carpenter lecture on "The scientific aspect of the interallied food situation."

DR. WILLIAM P. HARLOW, head of the school of medicine of the University of Colorado, has been appointed a major in the Medical Corps, and has been placed in charge of General Hospital No. 21.

DR. H. L. HOLLINGWORTH, associate professor of psychology in Barnard College, Columbia University, has been commissioned a captain in the Sanitary Corps, and will report at the Plattsburg Barracks.

RHYS D. EVANS, associate professor of physics in Bowdoin College, formerly instructor in physics, Ohio University, Athens, Ohio, the son of Professor D. J. Evans, of the latter institution, has been commissioned captain in the Chemical Warfare Service.

DR. W. E. CARROLL, professor of animal husbandry at the Utah Agricultural College, has been commissioned as captain in the Sanitary Corps of the United States Army, and will report to Fort Oglethorpe, Georgia, for special training at the medical officers' training camp.

DR. W. L. ARGO, formerly of the University of California, has been commissioned a lieutenant in the Chemical Warfare Service and has been sent to France.

DR. W. J. ROBBINS, formerly professor of botany at the Alabama Polytechnic Institute, has been appointed a lieutenant, Sanitary Corps, and is stationed at Yale University.

JOHN PAUL GIVLER, of the department of zoology, University of Tennessee, has been appointed first lieutenant in the Sanitary Corps.

DR. FRANK C. GATES, professor of biology at Carthage College, Carthage, Ill., has been commissioned second lieutenant in the Sanitary Corps and reported at Yale University on September 9.

LIEUTENANT CHARLES A. WATERS, who recently returned to this country after fourteen months' service with the Johns Hopkins Base Hospital in France, will leave shortly for Fort Oglethorpe, Ga., where he will be an instructor in the roentgen-ray division of that cantonment. He expects to return to France later.

O. L. THOMAS has been transferred from the Experimental Station of E. I. du Pont de Nemours and Co., Wilmington, Del., where he acted as research chemist, to the U. S. Government Powder Plant at Jacksonville, Tenn., where he will be chief supervisor of caustic soda manufacture and soda ash recovery.

THE Mary Kingsley medal of the Liverpool School of Tropical Medicine for research in tropical diseases has been awarded to Dr. Griffith Evans, the discoverer of the trypanosome of Surra, a disease of horses and camels of India, Burma, and the east.

DR. CAROLINE S. FINLEY, Dr. Anna I. Von Sholly and Dr. Mary Lee Edward, of New York, who are connected with the Women's Overseas Hospitals, have been decorated by the French government and commissioned lieutenants in the Medical Corps of the French Army, the commissions having been bestowed for excellent surgical work and treatment of the wounded under heavy bombardment in a hospital at the French front.

R. G. WEBBER, assistant professor of physics, Ohio University, Athens, Ohio, who has been in the service of the government during the summer at the Watertown Arsenal, has had his leave of absence extended through the coming college year to continue his work in the physical testing department of the arsenal.

PROFESSOR C. H. GORDON, Ph.D., professor of geology and mineralogy, University of Tennessee, has returned after an absence of two weeks in lecturing at army camps under the auspices of the Army Y. M. C. A. The

first week was spent at Camp Hancock, Augusta, Ga., and the second at Camp Sevier, Greenville, S. C. The plan of giving lectures in the camps on geographical and travel subjects was undertaken at the instance of the committee on geology and geography of the National Research Council, of which Professor W. M. Davis, of Harvard University, is chairman.

DR. D. S. JENINGS has been appointed to the staff of the Experiment Station of the Utah Agricultural College as expert in charge of an extensive soil survey to be made of the state of Utah. This survey will be conducted in consultation with the station departments of agronomy, geology, horticulture, irrigation and drainage, botany, chemistry and bacteriology, and farm management.

PROFESSOR A. S. HITCHCOCK, Bureau of Plant Industry, spent the month of August studying and collecting grasses in Arkansas, Oklahoma, Texas and Colorado.

DR. IRA E. LEE, instructor of chemistry at the University of Rochester, has become a research chemist with E. I. du Pont de Nemours & Co., Wilmington, Del.

DR. ALFRED R. SCHULTZ has presented his resignation from the U. S. Geological Survey, to become manager of a hydro-electric power and milling company.

MR. JOHN A. COVE has resigned his position as chief chemist with the Engineering Experiment Station of the Iowa State College, Ames, Iowa, to accept the position of assistant chemist with the General Chemical Company at their Laurel Hill Works.

PROFESSOR JOJI SAKURAI, who has arrived in London from Japan, has brought with him a contribution from Japan to the Ramsay Memorial Fund, amounting to £487 9s. 2d., which he has handed over to the honorable treasurers, Lord Glenconner and Professor Collie.

#### UNIVERSITY AND EDUCATIONAL NEWS

THE movement for reform in the management of the universities in Argentina for

which the professors and students of the universities have been keeping up an agitation, has culminated in a bill presented by the president of the republic to congress for deliberation and action. The bill coincides in general with the demands of those contending for reforms. It provides that the dean shall be elected by the professors, he shall serve four years and can not succeed himself. The election will be by a council of seven members, one representing the students, one the alumni and the others the professors.

AT Harvard University, Dr. Wallace Clement Sabine has been appointed acting director of the Jefferson Physical Laboratory, and Dr. Herbert Sidney Langfield, acting director of the Psychological Laboratory.

PROFESSOR LOUIS DE L. HARWOOD, Montreal, has been appointed dean of the medical department of Laval University.

F. C. WERKENTHIN, assistant professor of biology in New Mexico College of Agriculture and Mechanic Arts, has been elected to the associate professorship of botany in New Hampshire Agricultural College and will assume his new duties with the opening of college in September.

AT Cornell University Dr. R. C. Gibbs has been promoted to be professor of physics; Dr. H. E. Howe, formerly professor of physics at Randolph-Macon College, has been appointed assistant professor.

DR. H. L. WALSTER, of the college of agriculture of the University of Wisconsin, Madison, Wisconsin, has returned to his position as associate professor of soils in the university after having spent a year's leave of absence at the University of Chicago, where he received the Ph.D. degree in plant physiology and plant ecology.

THE following changes in the faculty of the department of agriculture in the University of Minnesota have been made recently: H. H. Kildee has resigned as chief of the dairy husbandry division in order to take charge of animal husbandry work at Iowa State College,